

1 BILL NO. S-80-02- 09

2 SPECIAL ORDINANCE NO. S- 16-80

3
4 An Ordinance approving Change Order
5 No. 6, Water Contract No. 77-W-2,
Water Works Improvements, Filtration
Plant Additions.

6 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT
7 WAYNE, INDIANA:

8 Section 1. That Change Order No. 6 to Hagerman-Shambaugh, in
9 connection with Contract No. 77-W-2, Water Works Improvements -
10 Filtration Plant Additions, for:

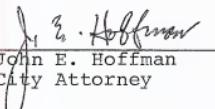
11 the installation of additional piles
12 (metal casings filled with concrete,
13 driven fifty (50) feet or so into
ground to support structure being con-
structed),

14 in the amount of \$47,332.00, as set out in the specifications,
15 which Change Order is on file in the office of the Board of Public
16 Works and is by reference incorporated herein and made a part
17 hereof, is hereby in all things ratified, confirmed and approved.

18 Section 2. That this Ordinance shall be effective upon pas-
19 sage and approval by the Mayor.

20
21
22 
Councilman

23 Approved as to form
24 and legality

25 
John E. Hoffman

26 City Attorney

27

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Read the first time in full and on motion by Burns,
seconded by Eisbark, and duly adopted, read the second time
by title and referred to the Committee City Utilities (and the City
Plan Commission for recommendation) and Public Hearing to be held after
due legal notice, at the Council Chambers, City-County Building, Fort Wayne,
Indiana, on 2-12-80, the 19 day of February, o'clock M., E.S.T.

DATE: 2-12-80

Charles W. Westerman
CHARLES W. WESTERMAN
CITY CLERK

Read the third time in full and on motion by Burns,
seconded by Stier, and duly adopted, placed on its
passage. PASSED (A.M.) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
<u>TOTAL VOTES</u>	<u>9</u>	<u>0</u>			
<u>BURNS</u>	<u>X</u>				
<u>EISBART</u>	<u>X</u>				
<u>GiaQUINTA</u> <u>X</u>	<u>X</u>				
<u>NUCKOLS</u>	<u>X</u>				
<u>SCHMIDT, D.</u>	<u>X</u>				
<u>SCHMIDT, V.</u>	<u>X</u>				
<u>SCHOMBURG</u>	<u>X</u>				
<u>STIER</u>	<u>X</u>				
<u>TALARICO</u>	<u>X</u>				

DATE: 2-26-80

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne,
Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL)
(APPROPRIATION) ORDINANCE (RESOLUTION) No. 1-16-80
on the 26th day of February, 1980.

ATTEST:

(SEAL)

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Vivian H. Schmidt
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on
the 27th day of February, 1980, at the hour of
11:30 o'clock A M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 27th day of Feb.
1980, at the hour of 11 o'clock A M., E.S.T.

Winfield C. Moses, Jr.
WINFIELD C. MOSES, JR.
MAYOR

BILL NO. S-80-02-09

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON CITY UTILITIES TO WHOM WAS REFERRED AN
ORDINANCE approving Change Order No. 6, Water Contract No. 77-W-2,
Water Works Improvements, Filtration Plant Additions

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE do / PASS.

PAUL M. BURNS, CHAIRMAN

BEN EISBART, VICE CHAIRMAN

JOHN NUCKOLS

MARK GIAQUINTA

ROY SCHOMBURG

CONCURRED IN

DATE 2/26/80 CHARLES W. WESTERMAN, CITY CLERK

Memorandum

To Board of Public Works Date 1/21/80
From Charlene E. Bloom, Administrative Assistant, General Supt.
Subject CHANGE ORDER NO. 6 - 77-W-2

COPIES TO:

Glen Patrick

I recommend Board of Public Works approval to the attached
Change Order No. 6 of Contract 77-W-2.

Charlene 2/12/80

68-189-15
1/21/80

CONSULTING ENGINEERS

2223 Packard Road • Ann Arbor, Michigan 48104 • Phone (313) 769-9220

To: Three Rivers Filtration Plant
City-County Bldg.
One Main Street
Fort Wayne, IN 46802

Attn: CITY ENGINEER

Date: January 15, 1980Project: Water Works ImprovementsFiltration Plant AdditionsContract No.: 77-W-2

Agency No.: _____

Gentlemen:

 We are enclosing We are sending under separate cover

The following:

- | | | |
|---------------------------------------|---|---|
| <input type="checkbox"/> Drawings | <input type="checkbox"/> Specifications | <input checked="" type="checkbox"/> Change Orders |
| <input type="checkbox"/> Pay Estimate | <input type="checkbox"/> Contract Documents | <input type="checkbox"/> _____ |

Six (6) copies of Change Order No. 6

For:

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Your approval | <input type="checkbox"/> Your corrections | <input type="checkbox"/> Your comments |
| <input type="checkbox"/> Your execution | <input type="checkbox"/> Your file | <input type="checkbox"/> Your signature |

Remarks: Please sign all copies and forward on to the next signer for their approval and processing.

McNAMEE, PORTER & SEELEY
CONSULTING ENGINEERS
ANN ARBOR, MICHIGAN

Owner

68-189-15

1/21/80

OWNER: City of Fort Wayne, IN

CONTRACTOR: Hagerman-Shambaugh, Joint Bidders
403 Strauss Building, Fort Wayne, IN 46801

CONTRACT NO. 77-W-2

TITLE: Water Works Improvements
Filtration Plant Additions

CHANGE ORDER NO. 6

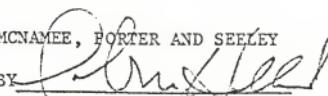
DATE: January 7, 1980

To the Contractor named above:

Under the above contract and upon approval of the Owner, we hereby direct you to furnish the necessary additional labor, material and equipment to:

- | | | |
|--|------|---------------------|
| 1. Bulletin No. 5, Items 1-10b&c | ADD, | \$ 5,836.00 |
| 2. Final quantities of Lineal Footage of piles driven. | ADD, | <u>\$ 41,496.00</u> |
| This Change Order, ADD | | \$ 47,332.00 |

CURRENT CONTRACT AMOUNT \$14,735,377.00
THIS CHANGE ORDER, (ADD) 47,332.00
REVISED CONTRACT AMOUNT \$14,782,709.00

MCNAMEE, PORTER AND SEELEY
BY 

Contract No. 77-W-2
City of Fort Wayne, IN
DATE: January 7, 1980

ACCEPTED:

DATE
1/17/80

RECOMMENDED:

DATE 1-17-80
DATE 1-17-80

APPROVED &
ADOPTED

DATE

CONTRACTOR: Hagerman-Shambaugh

BY: Mark F. Hagerman

CITY ENGINEER

Carl E. O'Neal

GENERAL SUPERINTENDENT

CITY UTILITIES

Charles E. Brown

BOARD OF PUBLIC WORKS

BY

Mark F. Hagerman
(Chairman)

Carl E. O'Neal

Sander E. Kennedy

ATTEST: Sander E. Kennedy
Clerk Board of Public Works

DISTRIBUTION:

Owner - 2 ✓
Contractor - 3 (1 information copy)
MP&S - 1
Res. Engr. - 2
Accounting - 1
ADK - 1
Glen Patrick - 1

Hagerman Construction Corporation



GENERAL CONTRACTORS

Office: 403 Strauss Building • Phone 219-424-1470
P.O. Box 690

November 28, 1979

FORT WAYNE, INDIANA 46801

McNamee, Porter & Seelby
2223 Packard Road
Ann Arbor, Michigan 48104

Re: Addition to Filtration Plant
Fort Wayne, Indiana
Price Adjustment for Piling

Gentlemen:

Please disregard our letter of November 27, 1979, pertaining to pile quantities as we did not have a complete report on all the piles driven. The following is a resume of the final quantities of pile:

	L. F. Driven	L. F. In Bid	Overage	Unit Price
Unreinforced Piles	75,147	73,000	2,147	16.00
Reinforced Piles	3,376	3,000	376	19.00

Extra Cost

2,147 x 16.00	=	\$ 34,352.00
376 x 19.00	=	<u>7,144.00</u>
Total		\$ 41,496.00

The deletion of one test pile has been covered by Change Order.

Very truly yours,

HAGERMAN CONSTRUCTION CORPORATION

By Ralph E. Turner
Ralph E. Turner

RET:saw

80.15

Hagerman Construction Corporation

GENERAL CONTRACTORS



November 30, 1979

Office: 403 Strauss Building • Phone 219-424-1470

P.O. Box 690

FORT WAYNE, INDIANA 46801

McNamee, Porter & Seeley
2223 Packard Road
Ann Arbor, Michigan 48104

Re: Filtration Plant Addition
Fort Wayne, Indiana
Bulletin #5

Gentlemen:

The following is our breakdown of proposed cost changes as shown in this bulletin:

Item #1 No Change In Price

Item #2

Concrete 1/2 c.y.	=	\$	26.00
Forms 17 s.f.	=	\$	62.00
Rebar 43#	=	\$	24.00
		\$	112.00
	Markup		12.00
	Added Cost	\$	124.00

Item #3

Alum. Grating & Frame Add \$ 80.00

Item #4

Deduct Conc. for Slab 2.7 c.y.	\$ -	132.00
Add Conc. Curb 33 L.F.		240.00
Reinf. Steel		N.C.
		108.00
	Markup	11.00
	Added Cost	\$ 119.00

Item #5

Subcontract Labor	\$	224.00
Subcontract Material		390.00
Subcontract Markup		92.00
Subcontract Cost		706.00
	Markup	71.00
	Total Cost Add	\$ 777.00

HAGERMAN CONSTRUCTION CORPORATION
FORT WAYNE, INDIANA

November 30, 1979

2.

Filtration Plant Addition
Fort Wayne, Indiana
Bulletin #5

Item #6				
	Rebar Material - Add 3/4 ton		\$ 544.00	
	Rebar Labor		185.00	
			729.00	
		Markup	73.00	
		Total Add	\$ 802.00	
Item #7				
	Rebars & Conc. Change	Add	\$ 200.00	
Item #8A				
	Steel Columns Add 1300#	Add	\$ 580.00	
Item #8B	No change.			
Item #9				
	Concrete 2 c.y.		\$ 100.00	
	Form 81 s.f.		243.00	
	Rebar 850#		402.00	
	Paint		80.00	
		Markup	825.00	
		Total Add	\$ 125.00	
			950.00	
Item #10a	See Item 8A			
Item #10b,c				
	Conc. 2½ c.y.		\$ 132.50	
	Bm form 132 s.f.		330.00	
	Rebar 3100#		1,454.00	
		Markup	1,916.50	
		Total Add	\$ 287.50	
			2,204.00	

Very truly yours,

HAGERMAN CONSTRUCTION CORPORATION

By

Ralph E. Turner

RET:sw

McNAMEE, PORTER AND SEELEY
CONSULTING ENGINEERS
ANN ARBOR, MICHIGAN

TO: Hagerman-Shambaugh, Joint Bidders
403 Strauss Bldg.
Fort Wayne, IN 46801

DATE: October 29, 1979

ATTENTION: Ralph E. Turner
Ronald Hoke

PROJECT: City of Fort Wayne, IN
Water Works Improvements
Filtration Plant Additions
Contract 77-W-2

BULLETIN NO 5

INTENT: This is not a change order. This is a request to the Contractor for a detailed price breakdown of proposed changes in the work.

PROPOSED CHANGES:

1. Change principal material of fin tube radiation from steel to copper and aluminum. Provide dielectric unions between copper-aluminum fin tubes and steam supply and return lines.
2. Revise raw water flume in new North Gallery as detailed on supplemental drawing SS-6, which is being issued with this bulletin.
3. Provide aluminum grating and frame at location of fiberglass slide plate SP-16 as shown on Sheet S-6 which has been revised and is being reissued with this Bulletin No. 5.
4. Provide larger concrete openings in slab at elevation 785.00 for ferri-floc and soda ash day bins as shown on Sheet S-6 which is being reissued with this Bulletin No. 5.
5. Provide drain-line from filtered water meter vault (Plant No. 3) to the filtered water valve chamber below the pipe gallery of Plant No. 3.

Filter Building Addition. Sheets S-23, S-27, S-29, S-30 and S-32 are being reissued for clarifications and/or revisions. The principal items are as follows:

6. Sheet S-23.
 - a) Section M-M: Top of beam elevation is clarified.
 - b) Section T-T: Steel reinforcement in slab at elevation 761.00 is revised.
7. Sheet S-27.
 - a) Operating Floor Plan at El. 768.00.
 - 1) A 2-inch slope is required for the slab at elev. 761.00.
 - 2) The location of the expansion joint between the existing and new buildings.

- b) Section E-E.
 - 1) The 14-inch beam is moved to the west.
 - 2) The new wall construction is clarified.
- 8. Sheet S-29.
 - a) The steel columns have been revised.
 - b) The new wall construction has been clarified.
- 9. Sheet S-30.
 - a) The beam adjacent to the existing Filter Building is revised.
- 10. Sheet S-32.
 - a) Steel columns have been revised.
 - b) The beam on the south side of the gallery has been revised.
 - c) A beam on the north side of the gallery has been added.
 - d) Demolition of existing walls and extent of new construction has been clarified.
 - e) Sections 1-1 and 2-2 have been added for clarification.

REASON FOR CHANGES:

- 1. Copper-aluminum is preferred over steel for corrosion resistance and heat transfer. There is no change in contract amount for this material change.
- 2. The concrete bottom slab of the flume must be thickened at the butterfly valve since the lower valve bearing is 10 $\frac{1}{2}$ -inches below the flume invert. Since the flume slab is 12-inches thick at the valve location, this would allow only 1 $\frac{1}{2}$ inches of concrete slab at the valve location.
- 3. An opening in the concrete slab with an aluminum grating panel is necessary so that slide plate SP-16 may be operated.
- 4. Ferri-floc and soda ash day bins have been lowered to shorten the connecting chute between the bins and their related chemical feeders. There should be no change in contract amount for this item.
- 5. This item provides drainage of the meter vault and confirms previously issued field order.
- 6a. Clarification.
- 6b. Additional reinforcement is required.
- 7a. Clarification.
- 7b. Beam is moved to accommodate dehumidifier duct.
- 8a. Additional strength is required.
- 8b. Clarification.
- 9. Additional strength is required.
- 10 a,b,c. Additional strength is required.
- 10 d, e. Clarification.

It is requested that the spaces provided for the change in contract amount, signature and date be filled in and copies returned to this office. A quotation, showing the Bulletin Number and the detailed cost setting forth the breakdown of labor, material and markup, is to be attached to each copy of the Bulletin, showing the addition, credit or no charge for each item.

McNAMEE, PORTER AND SEELEY

By Arthur D. Katz

Change in Contract Amount

Net Contract Change _____

\$()

BY _____

DATE _____

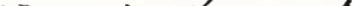
DISTRIBUTION:

Contractor - 4
E. Stanczak - 1
G. Patrick - 1
D. Foland - 1
T. Larder - 1
A.D. Katz - 1 ✓
Shop Dwg. file - 1

Enclosures: Supplemental Structural Drawing SS-6 (8½x11)
Revised Drawings S-6, S-23, S-27, S-29, S-30 and S-32.

REQUEST FOR ACTION

To: CITY ATTORNEY

FROM: (NAME, TITLE & DEPARTMENT) BOARD OF PUBLIC WORKS
APPROVED BY 
(PERSON AUTHORIZED TO FORWARD LEGAL WORK)

DATE: JANUARY 24, 1980

SUBJECT: CHANGE ORDER NO. 6 - WATER CONTRACT NO. 77-W-2 - FILTRATION PLANT ADDITION
(FILE SUBJECT DESIGNATION)

FILE # ASSIGNED BY RECORDS LIBRARIAN

4781

ACTION REQUESTED: PLEASE PREPARE AN ORDINANCE TO BE INTRODUCED IN COUNCIL ON
FEBRUARY 12, 1980, APPROVING CHANGE ORDER NO. 6, WATER CONTRACT NO. 77-W-2,
FILTRATION PLANT ADDITION, HAGERMAN-SHAMBAUGH, JOINT BIDDERS FOR THE PROJECT.

(CONTINUE ON REVERSE SIDE, IF NECESSARY)

cc: CITY ATTORNEY

(IF ORIGINAL REQUEST SENT TO ANOTHER
ATTORNEY OUTSIDE CITY ATTORNEY'S OFFICE)

DEPARTMENT HEAD OF REQUESTING PARTY

TITLE OF ORDINANCE SPECIAL ORDINANCE - CHANGE ORDER NO. 6, WATER CONTRACT NO. 77-W-2
WATER WORKS IMPROVEMENTS - FILTRATION PLANT ADDITIONS

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

SYNOPSIS OF ORDINANCE CHANGE ORDER NO. 6, WATER CONTRACT NO. 77-W-2, WATER WORKS IMPROVEMENTS,
FILTRATION PLANT ADDITIONS, HAGERMAN-SHAMBAUGH, JOINT BIDDERS FOR THE PROJECT, FOR THE
INSTALLATION OF ADDITIONAL PILES (METAL CASINGS FILLED WITH CONCRETE, DRIVEN FIFTY FEET OR
SO INTO GROUND TO SUPPORT STRUCTURE BEING CONSTRUCTED).

J-80-02-09

TOTAL REVISED CONTRACT AMOUNT INCLUDING THIS CHANGE ORDER \$14,782,709.00

EFFECT OF PASSAGE ACQUISITION OF ADDITIONAL PILES NEEDED FOR STRUCTURE SUPPORT

EFFECT OF NON-PASSAGE STRUCTURE BEING CONSTRUCTED WOULD NOT HAVE NECESSARY FOUNDATION &
SUPPORT TO WITHSTAND WEIGHT OF BUILDING UNDER CONSTRUCTION

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) \$47,332.00 FROM BOND ISSUE

ASSIGNED TO COMMITTEE